

S1 | Overview of databases that store information on bacterial transcription regulation

Database	Organism	URL	Curated regulatory interactions			Predicted regulatory interactions			Bioinformatics tools					Reference
			TF	ncRNA	riboswitch				Genome browser	Network visualization	Visualization expression data	Comparative genomics	TF binding site predictions	
RegulonDB	<i>Escherichia coli</i>	http://regulondb.ccg.unam.mx	x	x	x	x			x	x		x	x	1
EcoCyc	<i>Escherichia coli</i>	http://ecocyc.org	x	x	x				x	x	x	x		2
DBTBS	<i>Bacillus subtilis</i>	http://dbtbs.hgc.jp	x									x	x	3
CoryneRegnet	<i>Corynebacterium glutamicum</i> , <i>C. diphtheria</i> , <i>C. efficiens</i> , <i>C. jeikeium</i>	http://coryneregnet.cebitec.uni-bielefeld.de/v5	x			x			x	x	x	x	x	4
MTBRegList	<i>Mycobacterium tuberculosis</i>	http://pages.usherbrooke.ca/gaudreau/MtbRegList/www/index.php	x						x				x	5
MycoRegNet	<i>Mycobacterium tuberculosis</i>	http://mycoregnet.cebitec.uni-bielefeld.de/v1				x			x	x	x		x	6
PRODORIC	Focus on pathogenic organisms. Currently mainly <i>Escherichia coli</i> , <i>Bacillus subtilis</i> , <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i>	http://prodoric.tu-bs.de	x						x	x	x		x	7
TractorDB	Gamma-proteobacteria	http://www.ccg.unam.mx/Computational_Genomics/tractorDB				x								8
RegTransBase	All microbes	http://regtransbase.lbl.gov	x						x	x			x	9
RegPrecise	Mainly <i>Shewanella</i> and <i>Streptococcus</i> genera	http://regprecise.lbl.gov	x			x						x		10
sRNAmap	All microbes	http://srnamap.mbc.nctu.edu.tw		x		x			x	x	x	x		11
Colombos	<i>Escherichia coli</i> , <i>Bacillus subtilis</i> , <i>Salmonella Typhimurium</i>	http://bioi.bi.w.kuleuven.be/colombos	x	x							x			Engelen, K. et al., unpublished
M3D	<i>Escherichia coli</i> , <i>Saccharomyces cerevisiae</i> , <i>Shewanella oneidensis</i>	http://m3d.bu.edu	x	x							x			12

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